






**METHOD FOR PROTECTIVE COATING SUPER CONDUCTORS****Publication number:** KR940006777 (B1)**Publication date:** 1994-07-27**Inventor(s):** BANEY RONALD H [US]; BERGSTORM DEBORA F [US];  
CARPENTER LESLIE E [US]**Applicant(s):** DOW CORNING [US]**Classification:****- international:** *C04B41/81; C01G1/00; C04B41/50; C04B41/87; C09D183/00;  
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H01L39/24; C04B41/81; C01G1/00; C04B41/45; C04B41/87;  
C09D183/00; C09D183/02; C09D183/04; H01B12/02;  
H01B13/00; H01L39/24; (IPC1-7): H01L39/00***- European:** C04B41/50P14; C04B41/87; H01L39/24J4C**Application number:** KR19900003024 19900308**Priority number(s):** US19890320986 19890309**Also published as:** EP0386969 (A2)  
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Abstract not available for KR 940006777 (B1)

Abstract of corresponding document: **EP 0386969 (A2)**

This invention relates to protective coatings for copper oxide superconductors. The coatings are formed by applying solutions of silica precursors to the superconductor and after solvent evaporation, heating in an oxygen-containing atmosphere to effect conversion of the precursor to a continuous silica coating. Precursor materials, such as hydrogen silsesquioxide, ethyl polysilicate and C-resin are described.

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